

WHAT FOR THE CHILD OF THE DYNAMO.

A STORY OF LOVE AND ELECTRICITY

BY
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Professor of Electrical Science.

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SYNOPSIS OF PRECEDING CHAPTER.
The writer while on a visit to the Catalina is overtaken by a snowstorm and seeks refuge in a roadside house. While waiting for the storm to pass he meets a man who tells him that he is a student of electricity and that he is going to build a large dynamo. The man then shows him a large dynamo and explains to him the principles of electricity. The man then shows him a large dynamo and explains to him the principles of electricity.

CHAPTER IV. A Peep into a Maze of Electric Wonders.

I AWOK next morning just at a moment when a horrible demon with fiery eyes was about to de-capitate me with a long-handled wooden spoon.

Kirke was pleased to find me roused and merry, and told me I had slept under a magnetic stress for part of the night. This explained the peculiar tingling sensation that left me after I awoke.

Besides a heating arrangement in the mattress, a gentle alternating current was passed through a series of coils, otherwise making up the springs of the under bed.

While my friend brought in my breakfast I tidied the room and folded my couch.

"How do you like the covering of the couch?" asked he, pouring a very welcome cup of coffee.

"Beautiful, beautiful!" I answered, stroking the texture.

"Glad!" retorted he.

"Glad!" I cried.

"Yes, again," he answered. "I have found it both warm and serviceable; besides, the weaving has caused me much pleasure."

"What next? What next?" was all I could say.

"Is that your moody spell of last night?" I asked, later.

To my surprise my friend told me that he could not remember a single act of the dreadful occasion, but that he seemed to be undergoing a great ordeal, perhaps finally realizing my visit.

Pitiful indeed! I could hardly refrain from asking to see him, although I dreaded the gaze of his awful eyes.

Breakfast over, Kirke brought me over to him. He sat up with alacrity, kissing the back of his hand again and again, showing that he was glad to see me. He remembered me. His eyes spoke.

peared softer in the sunlight that filled the room from above.

Kirke asked me to shake hands with me, but he would not. He feared me, a stranger.

My friend left me just then to fetch milk and bread for the wondering monster.

I moved away uneasily and sat down near the cylinder facing Olaf, for fear he might dart out from his cage of wire and pull me into a thousand pieces. But he did not. Instead, he sat about, reaching out his hands little by little, like a monkey in a cage, until

of the magnetic coil. I followed. Here I found a miniature Ferris wheel. Bright cylinders took the place of the cars so familiar to every one.

In close proximity to the outer periphery a cone-like projection was attached and a corresponding one on the other side.

We sat down near the latter and presently the thing began to revolve, so that one of the cylinders was brought in contact with the apex of the cone.

To my surprise the thing turned out to be a large phonograph, which recorded automatically the utterances of the magnetic giant.

I listened attentively and heard a second

I stepped forward and found it glassed with ruby glass. Through this I saw a strange square rack of hundreds of small tilted mirrors that threw powerful and concentrated rays of reflected heat gathered from the morning sun. The whole volume of collected force was directed against a grided opening on the outer side of the boiler, arranged somewhat like the ordinary fireplace.

The rack-like affair, I was informed, revolved with the motion of the sun, the mirrors moving in unison, presenting their inclined surfaces to receive the rays, and thus keeping up a constant focus on the boiler.

In other words, my friend had actually harnessed a portion of the sun to develop the steam necessary to drive the generator I have already mentioned.

The thing was due to nothing more than the strain resulting from the safety-valve.

We turned back to the laboratory, where the generator, coupled directly to the shaft of a small rotary engine, was at once put into operation.

The current thus obtained during the day's run was stored in the accumulator plant. The glass hoods covering them the escaping fumes through a pipe of similar material to the air above the roof.

Near by was a meshwork of what I had taken for glass tubing, containing copper wire. These Kirke told me were of scrap mica, liquefied and moulded

into tubes, by a process I could not well understand owing to long Latin names applied to the various chemicals. Besides the wire they were filled with paraffine oil rendered transparent.

"Not only can mica be moulded," he said, "but copper, brass and iron, in fact any of the commercial metals can be treated similarly, so that it presents a surface reflecting light, and can be hardened by exposure to the heat of an electric furnace, which expelled the air, leaving the metal as moulded and excessively hard."

In a twinkling I saw the unlimited value of this discovery and asked why he had not let the world know of it.

"Ah," sighed he, "it is because of Olaf. He would be necessarily exposed, if not directly, then indirectly, to a current which would be fatal to him. I cannot leave him long."

"Putting an invention or discovery on the market takes a great deal of time and money, neither of which I have, I am sorry to say."

Here was a man with his marvellous discoveries admittedly starving in a garret of science all for the sake of humanity.

But I know he spoke figuratively, because everywhere comfort surrounded him, even though it was the result of his ingenious labor.

Nevertheless Kirke's statement moved me to pity, pity of men and of things.

"Great Heaven!" I thought the next instant, and not without cause, for Olaf had come forward noiselessly and stood at full height directly behind me. He had descended.

(To be continued.)

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His examination was cut short with the appearance of Kirke, who brought his breakfast. Olaf eagerly seized it. I was glad to see that he knew how to use a spoon, but thought him several times taking a deep hearty draught of the smoking contents from the bowl of the pipe. "Come and hear," he beckoned, disappearing on the other side of the door.

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LABOR NEWS.

The Central Labor Union has complained to the Board of Health against the manner in which the Manhattan Elevated Company cleans its cars. It alleges that at the points where cars are washed employees sweep out the trains so inconsiderately that people who live along the line are obliged to shut their windows to escape the dirt.

Commissioner Lantry, the Correction Commissioner, has been accused by the C. E. U. as being without common courtesy, and Mayor Van Wyck has been appealed to. The union sent two letters to him some time ago and to date has received no reply. The Mayor will be asked if common courtesy does not compel officials to answer respectful communications.

The Pants Makers' Union has decided to postpone for a week declaring a strike on contractors who will not sign their new agreement. This was decided upon by a vote by ballot at the last meeting. The ballots were of red and green, the former meaning an immediate strike, while the latter meant to use a spoon, but thought him several times taking a deep hearty draught of the smoking contents from the bowl of the pipe. "Come and hear," he beckoned, disappearing on the other side of the door.

The following new officers have been elected by Independent Journeymen Tailors Union No. 1, President, Timothy Murphy; vice-president, Peter Quinn; treasurer, W. J. McMahon; recording secretary, Thomas Gunning; financial secretary, John Jacob, and sergeant-at-arms, Thomas Reilly.

The Electrical Workers' Union No. 1, which for many weeks now has been fighting contractors in an endeavor to secure an increase in wages and a Saturday half holiday, has been given second place at a labor union by the Central Labor Union. At the last meeting of that organization it was decided to write the Municipal Assembly and all members of the Legislature of the fact that Union No. 1 is the only bona fide body of the trade in the city.

The Hebrew Theatre Trust, which was said to have been formed at the time the Hebrew actors formed a union, is said to have been disrupted. This it has been reported to the Central Federal Union, was brought about by the

BROOKLYN JEWELLER LOST.

Henry Schwartz Disappeared from Home Last Thursday with \$600—Search Instituted.

The police are looking for Henry Schwartz, a jeweller, twenty-three years old who disappeared from his home, No. 118 Myrtle avenue, Brooklyn, last Thursday.

He was unmarried and lived with Emil Rose, his brother-in-law. A few weeks ago he sold a small jewelry store, and since that time has been doing nothing.

Summer-home seekers, consult The World's Vacation Bureau, which can furnish you with reliable information relative to all summer resorts in New York, New Jersey, Pennsylvania and New England. Applications by mail for printed matter must be accompanied with stamps to cover postage.

BOILS AND CARBUNCLES

These unwelcome visitors appear in the spring and summer, when the blood is making an extra effort to free itself from the many impurities that have accumulated during the winter months.

Carbuncles, which are more painful and dangerous, come most frequently on the back of the neck, eating great holes in the flesh, exhaust the strength and often prove fatal. Boils are regarded by some people as blessings, and they patiently and uncomplainingly endure the pain and inconvenience under the mistaken idea that their health is being benefited, that their blood is too thick anyway, and this is Nature's plan of thinning it. The blood is not too rich or too thick, but is diseased—full of poison—and unless relieved the entire system will suffer. The boil or carbuncle gives warning of serious internal troubles, which are only waiting for a favorable opportunity to develop. Many an old sore, running ulcer, even cancer, is the result of a neglected boil.

Keep the blood pure, and it will keep the skin clear of all the irritating impurities that cause these painful, disgusting diseases.

S. S. S. cures boils and carbuncles easily and permanently by reinforcing, purifying and building up the blood and ridding the system of all accumulated waste matter.

S. S. S. is made of roots and herbs which act directly on the blood, and all poisons, no matter how deep-seated, are soon overcome and driven out by this powerful purely vegetable medicine.

S. S. S. is not a new, untried remedy, but for fifty years has been curing all kinds of blood and skin diseases. It has cured thousands and will cure you. It is a pleasant tonic as well as blood purifier—improves the appetite and digestion, builds up your general health and keeps your blood in order.

Our physicians have made blood and skin diseases a life study—write them fully about your case, and any information or advice wanted will be cheerfully given. We make no charge whatever for this service. Send for our book on Blood and Skin Diseases—free. Address: The Swift Specific Co., Atlanta, Ga.

He went for a walk on Thursday morning, saying he would soon return.

Nothing has been heard of him. He wore a blue serge coat, black trousers and a white Fedora hat. His relatives are anxious to receive news of him. It is feared he may be with foul play.

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Full Sets of Teeth.....\$5.00 Gold Fillings.....\$10.00 up
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We make the above prices for the express purpose of introducing our work among the people who are the only PAINLESS DENTISTS in Greater New York.

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Eye Glasses Free

THIS WEEK our optician will examine your eyes and sell you a pair of our \$2.50 gold spring eye glasses for \$1.00 and give you a gold lined eye glass chain with a safety lock and another pair "absolutely free" if you will give us \$1.00. Examination at the same price. KEENE'S OPTIC, 140 Fulton St., New York (near Hudson & Diamond Sts.).

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Water Carafes, full size, cut neck, star bottom, \$1.49.

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Clothes Wringers, solid white rubber rolls, guaranteed for five years, \$3.49.

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Corks, with porcelain tops, bearing printed names, including "Whiskey," "Brandy," &c., 4c. each.

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Made of kiln-dried oak and ash. Antique copper-finished bronze locks and hinges. Walls filled with charcoal. Ice chamber lined with galvanized steel, which is far better than the ordinary soft zinc. Galvanized steel ice rack and shelves.

24x16x39 in.\$8.03

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Visit the second floor. No stint of bargains there. You may secure over and above all you want in Shirt Waist values. The display is conspicuously attractive. Large scope for selection. Styles that will be choice acquisitions to any wardrobe. Variedly serviceable and meritorious garments.

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